

Material Safety Data Sheet



PERGO® REPAIR PUTTY

Perstorp Flooring

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Date: June 8, 1998

I. PRODUCT INFORMATION:

PRODUCT NAME: Pergo Repair Putty

CHEMICAL OR PRODUCT FAMILY: Styrene-Based Floor Repair Putty with Hardener

II. INGREDIENT INFORMATION:

| HAZARDOUS COMPONENTS (Chemical Identity; Common Name) | C.A.S. NUMBER | % BY VOLUME | OSHA PEL | ACGIH TLV |
|--|------------------|----------------|-----------------------|-----------|
| HARDENER: | | | | |
| METHYL ETHYL KEYTONE | 1338-23-4 | 30-40 | N/A | N/A |
| PEROXIDE | | | | |
| DIMETHYL PHTHALATE | 131-11-3 | 60-70 | 5 mg/m ³ | N/A |
| METHYL ETHYL KEYTONE | 78-93-3 | 01 | 590 mg/m ³ | 200 |
| RESIN: | | | | |
| STYRENE | 100-42-5 | 25-50 | 213 mg/m ³ | 50 |
| DIBUTYLMALEATE | 105-76-0 | 40-50 | N/A | N/A |

The remainder of the materials in the resin are polyester, fillers and pigments. This product formulation does **NOT** contain asbestos.

III. PHYSICAL DATA:

HARDENER:

COLOR AND APPEARANCE: Clear Liquid **ODOR:** Faint **FLASH POINT:** 52°C

pH: Slightly Acidic

SPECIFIC GRAVITY: (H₂O=1): 1.18 @ 25°C **SOLUBILITY IN WATER:** Immiscible

RESIN:

COLOR AND APPEARANCE: Color varies, Opaque paste **ODOR:** Moderate **FLASH POINT:** 32°C

pH: N/A

SPECIFIC GRAVITY: (H₂O=1): 1.1-1.5 @ 25°C **SOLUBILITY IN WATER:** Immiscible

IV. FIRE AND EXPLOSION DATA:

FLASH POINT: 32°C-52°C. **EXTINGUISHING MEDIA:** Alcohol resistant foam, CO₂, powders, water spray may be used. **DO NOT** use a waterjet. **SPECIAL FIREFIGHTING PROCEDURES:** Fire will produce dense, black smoke. *Exposure to decomposition products may cause a health hazard. Protect firefighters from toxic products of combustion by wearing self-contained breathing apparatus.* **UNUSUAL FIRE AND EXPLOSION HAZARDS:** The waterjet is not recommended as an extinguishing media, but may be helpful in keeping adjacent containers cool. Avoid spreading, burning liquid with water used for cooling purposes.

V. HEALTH DATA

PRIMARY ROUTE(S) OF ENTRY: Inhalation, ingestion and direct skin contact.

TARGET ORGANS: Skin, eyes, upper respiratory tract, and the cardiovascular system.

EFFECTS OF OVEREXPOSURE: SKIN: Prolonged skin contact may cause irritation and absorption through the skin.

EYES: Contact with the eyes can cause redness, tearing, blurred vision, and severe irritation.

INHALATION: May cause irritation to the nose, throat and lungs. Excessive inhalation of vapors can cause kidney and liver effects and central nervous system effects, including fatigue, dizziness, possible unconsciousness, nausea, stupor, drunkenness and headaches.

INGESTION: May be harmful if swallowed; can cause gastric disturbances.

CARCINOGENICITY: NPT: No.

OSHA REGULATED: Yes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Existing skin conditions.

FIRST-AID PROCEDURES: SKIN AND EYES: Remove contaminated clothing and thoroughly wash affected area with soap and water. Immediately flush eyes with large quantities of water for at least 15 minutes, lifting upper and lower eye lids. For hardener only, follow with application of 2% NaCO₃. Seek medical attention.

INHALATION: Remove individual to fresh air. Aid in breathing, if necessary. Keep the person warm, quiet and get medical attention.

INGESTION: DO NOT INDUCE VOMITING. Call a Poison Control Center or physician immediately for guidance. Keep the person warm and quiet. For ingestion of the **HARDENER ONLY:** drink approximately 500 ml. (1 pint) of water or milk.

EFFECTS OF CHRONIC OVEREXPOSURE: In laboratory animals, Styrene has an acute oral toxicity (LD50) of 5000 mg/kg. Methyl ethyl ketone peroxide has an acute oral toxicity (LD50) of 1017 mg/kg. Styrene has been reported to cause toxic effects, such as kidney and liver damage to laboratory animals following ingestion. Birth defects have been reported in laboratory animals only following high oral doses, exposures which have little relevance to potential human exposure. MEK is moderately toxic by ingestion and slightly toxic by inhalation or dermal absorption. MEKP has been found to be moderately toxic by ingestion and inhalation.

VI. REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY: Strong oxidizing agents, strong acids or bases and select amines.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, oxides of nitrogen smoke, and other toxic vapors and gases that are common to thermal decomposition of organic compounds. Keep away from other chemicals, paper, wood and metals. Keep away from accelerators.

VII. SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Ventilate area of spill or release. Keep sources of ignition and hot metal surfaces from the spill. Flush spilled material into suitable retaining area or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbent. Prevent runoff to sewers, streams, or other bodies of water. If runoff occurs, notify the proper authorities, as required, that a spill has occurred.

WASTE DISPOSAL METHOD: Do not reuse container. Dispose of container and product in accordance with applicable local, county, state and federal regulations. Do not flush material or residue down drains.

VIII. SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: With adequate ventilation, respiratory equipment should not be needed. If necessary, use NIOSH-approved cartridge respirator or gas mask.

VENTILATION: General mechanical ventilation should be sufficient to keep vapor concentration within specified time-weighted TLV ranges. If general ventilation proves to be inadequate to maintain safe vapor concentration, supplemental local exhaust may be required.

EYE AND SKIN PROTECTION: Avoid contact with eyes and prolonged contact with the skin. If contact occurs, use spectacle-type glasses and latex or rubber gloves.

OTHER PROTECTIVE EQUIPMENT: Impermeable aprons are advised when working with this product.

IX. STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation.

OTHER PRECAUTIONS: Keep out of the reach of children. Avoid inhalation of vapors. Close container after each use.

WORK SITE ENVIRONMENT: There may be an adverse impact on indoor air quality in the immediate work area during usage of this product; therefore, you should advise the building owner/manager that: 1) adequate ventilation must be maintained in the work area without dispersing contaminants through other parts of the building; and 2) people sensitive to the outdoors and/or chemicals should be advised to avoid the work area.

X. DEPARTMENT OF TRANSPORTATION INFORMATION:

SHIPPING NAME: Flammable Liquid **HAZARD CLASS:** N/A **ID:** N/A

EMERGENCY ONLY CONTACT: CHEM-TEL 800-255-3924

NOTE: THE INFORMATION PRESENTED IS SUPPLIED TO GUIDE THOSE WHO HANDLE OR USE THIS PRODUCT. SAFE WORK PRACTICES MUST BE USED WITH ALL MATERIALS. IT IS VERY IMPORTANT THAT THE END USER DECIDES THE ADEQUACY OF THEIR SAFETY PROCEDURES EMPLOYED DURING THE USE OF THIS AND ALL OTHER PRODUCTS.